

Please amend the following claims.

1 22. (Amended) A metered dose inhaler [("MDI")], comprising:

a can having part or all of its internal surfaces coated with a [polymer blend comprising one or more fluorocarbon polymers, in combination with one or more non-fluorocarbon polymers,] polymer blend comprising (i) one or more fluorocarbon polymers comprising monomeric units made from one or more monomers selected from the group consisting of tetrafluoroethylene, hexafluoropropylene, perfluoroalkoxyalkylene, and vinylidene fluoride in combination with (ii) one or more non-fluorocarbon polymers selected from the group consisting of a polyamide, a polyimide, a polyamideimide, a polyethersulphone, a polyphenylene sulfide, and an amine-formaldehyde thermosetting resin;

a [crimped cap covering the mouth of the] can[; and] in communication with a drug metering valve [situated on the cap]; and
an inhalation medicament formulation, comprising a medicament formulated with a fluorocarbon propellant, said fluorocarbon propellant is selected from the group consisting of 1,1,1,2-tetrafluoroethane or 1,1,1,2,3,3,3-heptafluoro-n-propane and combinations thereof.

2 ~~24~~. (Amended) The [MDI] metered dose inhaler according to claim [23] ~~22~~¹, wherein said medicament formulation further comprises a surfactant.

3 ~~25~~. (Amended) The [MDI] metered dose inhaler according to claim [23] ~~22~~¹, wherein said medicament formulation further comprises a polar solvent.

C3 4 ~~26~~. (Amended) The [MDI] metered dose inhaler according to claim [23] ~~22~~¹, wherein said medicament formulation comprises 0.01 to 5 % w/w [based on the weight of propellant] of a polar cosolvent based on the weight of propellant.

5 ~~27~~. (Amended) The [MDI] metered dose inhaler according to claim ~~3~~³~~25~~, wherein the polar solvent is ethanol.

6 ~~28~~. (Amended) The [MDI] metered dose inhaler according to claim ~~1~~¹~~22~~, further containing a medicament formulated with a fluorocarbon propellant and 0.01 to 5 % w/w [based on the propellant] of a polar cosolvent based on the weight of the propellant, [which] said medicament formulation is substantially free of surfactant.

1 ~~30~~. (Amended) The [MDI] metered dose inhaler according to claim [29] ~~22~~, wherein the fluorocarbon propellant is 1,1,1,2-tetrafluoroethane.

8 ~~31~~. (Amended) The [MDI] metered dose inhaler according to claim ~~22~~, wherein said can is made of metal and wherein part or all of the internal metallic surfaces are coated.

C4 ~~32~~. (Amended) The [MDI] metered dose inhaler according to claim ~~31~~, wherein the metal is aluminum or an alloy thereof.

10 ~~34~~. (Amended) The [MDI] metered dose inhaler according to claim [33] ~~22~~, wherein said one or more fluorocarbon polymers is selected from the group consisting of polytetrafluoroethylene, perfluoroalkoxyalkylene, and perfluorinated ethylene propylene copolymer [and a mixture thereof].

C5 ~~39~~. (Amended) The [MDI] metered dose inhaler according to claim [38] ~~22~~, wherein said [non-fluorinated] non-fluorocarbon polymer is a polyethersulfone.

¹²
~~40~~. (Amended) The [MDI] metered dose inhaler according to claim
¹⁰
~~34~~, wherein said [fluorinated] fluorocarbon polymer is
polytetrafluoroethylene.

¹³
~~41~~. (Amended) The [MDI] metered dose inhaler according to claim
¹⁰
[22] ~~34~~, wherein said blend comprises [polytetrafluoroethylene]
perfluorinated ethylene propylene copolymer and polyethersulfone.

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Cont
¹⁴
~~42~~. (Amended) The [MDI] metered dose inhaler according to claim
¹⁰
[22] ~~34~~, wherein said blend consists of polytetrafluoroethylene and
polyethersulfone.

¹⁵
~~43~~. (Amended) The [MDI] metered dose inhaler according to claim
~~22~~, wherein said [fluorinated] one or more fluorocarbon polymer is made
from monomeric units comprising perfluoroalkoxyalkylene.

¹⁶
~~44~~. (Amended) The [MDI] metered dose inhaler according to claim
~~22~~, wherein said [fluorinated polymer] one or more fluorocarbon
polymers is made from monomeric units comprising perfluorinated
ethylene propylene copolymer.

¹⁷
~~45~~. (Amended) The [MDI] metered dose inhaler according to claim
~~22~~, wherein the thickness of said coating is 1 μ m to 1 mm.

¹⁸~~16~~. (Amended) The [MDI] metered dose inhaler according to claim ¹~~22~~, wherein the thickness of said coating is 1 μ m to 100 μ m.

¹⁹~~17~~. (Amended) The [MDI] metered dose inhaler according to claim ¹~~22~~, wherein the thickness of said coating is 1 μ m to 25 μ m.

²⁰~~18~~. (Amended) The [MDI] metered dose inhaler according to claim ⁸~~31~~, wherein said coating is applied to said internal surface of a preformed can.

C5
Cans
²¹~~19~~. (Amended) The [MDI] metered dose inhaler according to claim ⁸~~31~~, wherein said coating is applied by spray coating said polymer blend.

²²~~20~~. (Amended) The [MDI] metered dose inhaler according to claim ⁸~~31~~, wherein said coating is applied by spray coating said polymer blend on the internal metallic surface of said can and curing said coating after it is sprayed.

Please add the following claims:

²³~~21~~. A metered dose inhaler, comprising:

C6 a can having part or all of its internal surfaces coated with a polymer blend comprising (i) one or more fluorocarbon polymers

comprising monomeric units made from one or more monomers selected from the group consisting of tetrafluoroethylene, hexafluoropropylene, perfluoroalkoxyalkylene, and vinylidene fluoride in combination with (ii) one or more non-fluorocarbon polymers selected from the group consisting of a polyamide, a polyimide, a polyamideimide, a polyethersulphone, a polyphenylene sulfide and an amine-formaldehyde thermosetting resin;

a can in communication with a means for metering an inhalation medicament; and

an inhalation medicament formulation, comprising a medicament formulated with a fluorocarbon propellant, said fluorocarbon propellant is selected from the group consisting of 1,1,1,2-tetrafluoroethane or 1,1,1,2,3,3,3-heptafluoro-n-propane and combinations thereof.

53. A metered dose inhaler system, comprising:

a metered dose inhaler comprising,

a can having a mouth, said having part or all of its internal surfaces coated with a polymer blend comprising (i) one or more fluorocarbon polymers comprising monomeric units made from one or more monomers selected from the group consisting of tetrafluoroethylene, hexafluoropropylene, perfluoroalkoxyalkylene, and vinylidene fluoride in combination with (ii) one or more non-

fluorocarbon polymers selected from the group consisting of a polyamide, a polyimide, a polyamideimide, a polyethersulphone, a polyphenylene sulfide and an amine-formaldehyde thermosetting resin;

a cap in communication with the mouth of the can, the cap containing a drug metering valve capable of metering an inhalation medicament formulation; and

an inhalation medicament formulation, comprising 0.005 to 10 % by weight of beclomethasone dipropionate or a physiological acceptable solvate thereof relative to the total weight of said inhalation medicament formulation formulated with a fluorocarbon propellant, said fluorocarbon propellant is selected from the group consisting of 1,1,1,2-tetrafluoroethane or 1,1,1,2,3,3,3-heptafluoro-n-propane and combinations thereof; and

a channeling device in communication with said metered dose inhaler, said channeling device comprising an actuating device for the valve and a cylindrical or cone shaped passage through which medicament is delivered from the metered dose inhaler.

24. 54. The metered dose inhaler of claim 22, said medicament comprising beclomethasone dipropionate.--